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Autore	Hatch Lisa Zimmer
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Title Page ; Copyright Page ; Contents at a Glance; Table of Contents; Introduction; About This Book; Foolish Assumptions; Icons Used in This Book; Beyond the Book; Where to Go from Here; Part I: Getting Started with the LSAT; Chapter 1: The L Team: The LSAT and Its Administrators; Getting to Know the Enemy; Taking a Quick Look at the Types of Questions; Analytical reasoning - playing games with your head; Logical reasoning - putting your arguing skills to good use; Reading comprehension - concentrating and remembering what you read; The writing sample - jumping the final hurdle
You Gotta Score! Registering for the LSAT; Preparing for the LSAT; What really helps; Practice makes perfect; What Have You Done for Me Lately? The LSAC; Creating and administering the LSAT; Aiding in law school applications; Providing other goods and services; Chapter 2: Test-Taking Basics: Setting Yourself Up for Success; Planning Your LSAT Test-Taking Tactics; Maximizing your chances; Taking the straight or the winding road; Filling in the dots; Taking the occasional break; To Guess or Not to Guess; The joy of statistics; Is Choice (B) really best?; Increase your odds: Eliminate the duds
Readying Yourself for Battle What to bring; What to leave behind; Life after the LSAT: What to Do Now?; Yeah, that worked for me; Wait, I can do better than that!; Chapter 3: The Lowdown on Law School Admissions; Choosing a Law School; Where to go for information; Important considerations; Keeping ranking in mind; Filling Out All the Forms - Applying to Law School; Pick more than one; How admissions work; Don't forget the money; Part II: Analytical Reasoning: Following the Rules of the Logic Game; Chapter 4: Gaming the Analytical Reasoning Questions; Analyzing the Analytical Reasoning Section Setting Yourself Up for Success Step by Step Get the facts, decide between ordering and grouping, and set up your game board; Consider the rules and modify your game board; Answer the questions; Attending to Some Analytical Reasoning Do's; Take time to develop your game board; Pick your battles; Remember that four wrongs make a right; Stay calm; Decide which problem to confront first; Maintain your perspective; Keep practicing; Chapter 5: Proper Placement: Analytical Reasoning Ordering Games; Spotting Ordering Games; Becoming Chairman of the (Game) Board; Putting together the game pieces
Drawing the box chart Recording the rules; Analyzing the rules; Answering Ordering Questions; Substitute condition questions; Completely determined order questions; Ordering the Approach to an Advanced Game; Chapter 6: Type Casting: Grouping Games; Classifying Grouping Games; Following the Rules of Division; Target rules; Joining rules; If/then rules; Expanding the Grouping Game Board; Mastering Practice Grouping Games; An in/out grouping game; A more complex grouping game; Part III: Logical Reasoning: Picking Apart an Argument; Chapter 7: Analyzing Arguments: The Basics of Logical Reasoning What You Can Expect in the Logical Reasoning Sections

Increase your score on the LSAT If you're preparing for law school, your single biggest hurdle is the Law School Admission Test or LSAT. This three and a half hour exam consisting of five multiple choice sections and one timed writing sample can make or break your legal aspirations. Fortunately, LSAT For Dummies, Premier PLUS 2nd Edition-now with access to practice tests online prepares you for the LSAT by giving you proven test-taking strategies and ample practice opportunities. From the book you'll gain the vital tools you need to understand the reasoning behind analytical reasoning, get

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Nota di contenuto	Contents; 1 Historical Background; 1.1 Robert Brown; 1.2 Between Brown and Einstein; 1.3 Albert Einstein; 1.4 Marian von Smoluchowski; 1.5 Molecular Reality; 1.6 The Scope of this Book; 2 Probability Theory; 2.1 Probability; 2.2 Conditional Probability and Independence; 2.3

Random Variables and Probability Distributions; 2.4 Expectations and Particular Distributions; 2.5 Characteristic Function; Sums of Random Variables; 2.6 Conclusion; 3 Stochastic Processes; 3.1 Stochastic Processes; 3.2 Distribution Functions; 3.3 Classification of Stochastic Processes; 3.4 The Fokker-Planck Equation
 3.5 Some Special Processes 3.6 Calculus of Stochastic Processes; 3.7 Fourier Analysis of Random Processes; 3.8 White Noise; 3.9 Conclusion; 4 Einstein-Smoluchowski Theory; 4.1 What is Brownian Motion?; 4.2 Smoluchowski's Theory; 4.3 Smoluchowski Theory Continued; 4.4 Einstein's Theory; 4.5 Diffusion Coefficient and Friction Constant; 4.6 The Langevin Theory; 5 Stochastic Differential Equations and Integrals; 5.1 The Langevin Equation Revisited; 5.2 Stochastic Differential Equations; 5.3 Which Rule Should Be Used?; 5.4 Some Examples; 6 Functional Integrals; 6.1 Functional Integrals
 6.2 The Wiener Integral 6.3 Wiener Measure; 6.4 The Feynman-Kac Formula; 6.5 Feynman Path Integrals; 6.6 Evaluation of Wiener Integrals; 6.7 Applications of Functional Integrals; 7 Some Important Special Cases; 7.1 Several Cases of Interest; 7.2 The Free Particle; 7.3 The Distribution of Displacements; 7.4 The Harmonically Bound Particle; 7.5 A Particle in a Constant Force Field; 7.6 The Uniaxial Rotor; 7.7 An Equation for the Distribution of Displacements; 7.8 Discussion; 8 The Smoluchowski Equation; 8.1 The Kramers-Klein Equation; 8.2 The Smoluchowski Equation
 8.3 Elimination of Fast Variables 8.4 The Smoluchowski Equation Continued; 8.5 Passage over Potential Barriers; 8.6 Concluding Remarks; 9 Random Walk; 9.1 The Random Walk; 9.2 The One-Dimensional Pearson Walk; 9.3 The Biased Random Walk; 9.4 The Persistent Walk; 9.5 Boundaries and First Passage Times; 9.6 Random Remarks on Random Walks; 10 Statistical Mechanics; 10.1 Molecular Distribution Functions; 10.2 The Liouville Equation; 10.3 Projection Operators-The Zwanzig Equation; 10.4 Projection Operators-The Mori Equation; 10.5 Concluding Remarks
 11 Stochastic Equations from a Statistical Mechanical Viewpoint 11.1 The Langevin Equation A Heuristic View; 11.2 The Fokker-Planck Equation-A Heuristic View; 11.3 What is Wrong with these Derivations?; 11.4 Eliminating Fast Processes; 11.5 The Distribution Function; 11.6 Discussion; 12 Two Exactly Treatable Models; 12.1 Two Illustrative Examples; 12.2 Brownian Motion in a Dilute Gas; 12.3 Discussion; 12.4 The Particle Bound to a Lattice; 12.5 The One-Dimensional Case; 12.6 Discussion; 13 Brownian Motion and Noise; 13.1 Limits on Measurement; 13.2 Oscillations of a Fiber
 13.3 A Pneumatic Example

Sommario/riassunto

Brownian motion- the incessant motion of small particles suspended in a fluid- is an important topic in statistical physics and physical chemistry. This book studies its origin in molecular scale fluctuations, its description in terms of random process theory and also in terms of statistical mechanics. - ;Brownian motion - the incessant motion of small particles suspended in a fluid - is an important topic in statistical physics and physical chemistry. This book studies its origin in molecular scale fluctuations, its description in terms of random process theory and also in terms of statistica
